

STATEMENT OF WORK

General Video Distribution System

USAF Academy Eisenhower Golf Course

The USAF Academy 10th Force Support Squadron is soliciting bids for a video distribution system that will provide centralized CATV distribution to High Def (4K Resolution or better) Eisenhower Golf Course Clubhouse's facility located at the U.S Air Force Academy, CO 80840. The scope requires a high quality video distribution for this building to support general video to approx. 17 General Function TVs for area viewing (Pro shop, Restaurant, Manager's office, Etc....).

Assumptions:

The facility is currently under construction and is expected to be roughed in walls and a dropped ceiling by late November 2017, expected completion is March 2018. The construction contractor, is furnishing and installing the majority of communication wiring and conveniences to internal and external systems.

1. The contractor is installing TV Wall connections and control unit wiring as determined by general plans.
2. Video Monitors will be Hi-Def/4K Resolution, Distribution of CATV may require signal boosts to maintain digital output quality.
3. Current HD Video Service Provider DISH Networks.
4. All General TV Connectors consist of a Minimum Cat 6/RJ45 and 1 F-Type CATV Connector through 1" conduit.

The offeror will:

1. Furnish, install and test video distribution system
2. Provide head end equipment and installation of new AV cabinet/Rack System, Cable Management and labeling of the equipment in the Communication Closet in the lower level.
3. Connect video distribution systems to CATV Demarcation for distribution
4. The contractor will provide mounts to install all monitors on designated walls/ceilings, all mounts shall be full motion mounts unless size and position best suited for rigid wall mount IE 75" Monitors in dining areas and meeting rooms. Assume all Monitors weight not to exceed 125 lbs. This weight is based on the weight of an LG 75" monitor 75UJ6470 66.8" x 38.6" x 2.6" or equal TV without stand of 91.1 lbs.
 - a. Mount and install 75" monitor on west wall LL Dining-room. High position for max viewing.
 - b. Mount and install 49" monitor, south-west corner LL Dining-room corner.
 - c. Mount and install 49" monitor, south-west corner Pro-shop.
 - d. Mount and install 49" monitor, north wall Pro-shop.
 - e. Mount and install 49" monitor, LL men's locker room.
 - f. Mount and install 49" monitor, LL women's locker room.
 - g. Mount and install 75" monitor on North wall UL Meeting-room. High position for max viewing.
 - h. Mount and install 75" monitor on South wall UL Meeting-room. High position for max viewing (6 Foot Wall section).
 - i. Mount and install 2 49" on 360° swivels east and west side of function room (@ approximately 50% of room overall length).
 - j. Mount and install 49" monitor, Managers Office.
 - k. Mount and install 4 32" Outside Monitors on Exterior Patios.

Acceptance Criteria

The offeror will provide a test plan and ensure full functionality at the completion installation.

The offeror will provide End user and administrator training.

The offeror shall provide a detailed list of all equipment with serial number for inventory management purposes.

Televisions will need to be 4k or better video resolution, at a minimum have a network and 2 HDMI connections, 3 USB 1 RF In (Antenna/Cable), 1 composite In, 1 Ethernet, 1 RS232C (mini jack) and 1 optional optical connection.

Required televisions: 5 each 75" flat panels, 8 each 49" flat panels and 4 each 32" flat panels.

Coordination with current construction contractor may be necessary.

Bids

At time of submission the offeror will submit

1. A technical description of the items being offered in sufficient detail to evaluate compliance with the requirements in the solicitation. This may include product literature, or other documents, if necessary;
2. Terms of any express warranty;
3. Offerors are encouraged to submit multiple offers presenting alternative terms and conditions, including alternative line items, or alternative commercial items for satisfying the requirements of this solicitation. Each offer submitted will be evaluated separately.

Bid will include

1. Detailed list of materials by MFG and Part number and cost,
2. Optional line item for extended warranty of major component to 5 years
3. Line item for installation, labor and programing.
4. 90 days post installation support and programing